Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 21 Jul 2023 until 23:59 on Saturday 22 Jul 2023

Forecast Issued on Friday 21 Jul 2023 at 04:19

Confidence: High for unsettled theme. Moderate for the arrival time of the rain Friday night into Saturday, but high for a grey and wet day to follow, easing away Sunday. Confidence becoming low for details by Monday.

Headline for Friday 21 Jul 2023: Largely cloudy with occasional showers possible. Rather cool.

Mountain weather hazards on Friday 21 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Light rain showers	Light rain showers	Cloudy	Cloudy	Cloudy
Precipitation probability					
50%	50%	60%	30%	20%	20%

Forecast for Friday 21 Jul 2023

Weather: A mixture of variable cloud amounts and occasional showers, these most likely during the morning whereas they will tend to become more scattered in the afternoon. Best chances of staying dry in the southeast, with perhaps the odd sunny spell during the afternoon. Cloud thickening a little in the west late in the day, with a chance of more persistent rain by midnight.

Chance of cloud-free hill tops above 600m: 40% decreasing to 20% in the west by dusk. 60% in east.

Low Cloud and visibility: Areas of cloud obscuring tops above 600m throughout, but some clearer intervals possible, especially in the east. Cloud descending to 400m in the west by dusk. Outside of cloud visibility is expected to remain good, but falling to moderate in any occasional showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 21 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 W	14/17 W	12/17 W	15/21 W	15/22 W	12/17 W	11/16 SW
300	9/19 W	9/16 W	10/19 W	12/23 W	11/21 W	7/16 W	7/15 SW
Valley	1/7 SW	5/10 SW	10/20 W	10/21 W	10/19 W	4/12 W	5/12 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	9/6	11/9	12/9	10/8	9/6	9/7
300	11/9	12/10	15/13	15/12	13/11	12/10	11/10
Valley	11/11	12/12	15/13	16/14	15/13	13/12	12/12
Freezing Level*	1900m	2000m	2000m	2000m	2000m	2200m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Reasonable hill walking conditions at low levels, but with occasional showers expected. Views will likely be obscured at height, however, with cloud widespread across the tops.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 20 Jul 2023	0mm	5.4mm	9.2mm

Forecast for Saturday 22 Jul 2023

Weather: Wet and breezy, with persistent rain for much of the day, heavy at times. Cloud obscuring most routes.

Maximum wind: Westerly 15-20mph gusting 30mph.

Chance of cloud-free hill tops above 600m: Less than 10%

Low Cloud and visibility: Widespread cloud obscuring tops above 500m. Some patches as low as 300m, especially during heavier rain. Otherwise moderate to poor visibility for much of the day

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 17 Celsius
At 600m: Plus 8 Celsius
Freezing level: Above summits

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